

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Original) A method of preventing headaches in a subject in need thereof, comprising,
administering to said subject an amount of threo-3-(3,4-dihydroxyphenyl)serine, or a pharmaceutically-acceptable salt thereof, which is effective to prevent said headaches, with the proviso that said subject does not have Parkinson's disease.
2. (Original) A method of claim 1, consisting essentially of administering threo-3-(3,4-dihydroxyphenyl)serine, or a pharmaceutically-acceptable salt thereof.
3. (Original) A method of claim 1, with the proviso that a serotonin precursor is not administered.
4. (Original) A method of claim 1, with the proviso that benserazide is not administered.
5. (Original) A method of claim 1, wherein said threo-3-(3,4-dihydroxyphenyl) serine is the L-form.
6. (Original) A method of claim 1, wherein said headaches are migraine headaches.
7. (Currently Amended) A method of claim 1, wherein said headaches are tension-type headaches or premenstrual headaches.
8. (Cancelled)

9. (Original) A method of claim 1, wherein said preventing is reducing the frequency of said headaches.
10. (Original) A method of preventing headaches in a subject in need thereof, comprising,
administering to said subject an amount of a threo-3-(3,4-dihydroxyphenyl) serine derivative, or a pharmaceutically-acceptable salt thereof, which is effective to prevent said headaches, with the proviso that said subject does not have Parkinson's disease.
11. (Original) A method of claim 10, consisting essentially of administering a threo-3-(3,4-dihydroxyphenyl)serine derivative, or a pharmaceutically-acceptable salt thereof.
12. (Original) A method of claim 10, with the proviso that a serotonin precursor is not administered.
13. (Original) A method of claim 10, wherein said threo-3-(3,4-dihydroxyphenyl)serine derivative is the L-form.
14. (Currently Amended) A method of claim 10, wherein said headaches are ~~tension-type~~ migraine headaches.
15. (Cancelled)
16. (Original) A method of claim 10, wherein said preventing is reducing the frequency of said headaches.
17. (Original) A method of claim 10, wherein said derivative is an N-methyl-3-(3,4-dihydroxyphenyl)serine alkyl ester.

18. (Original) A method of preventing headaches in a subject in need thereof, comprising,
administering to said subject an amount of a norepinephrine precursor which is effective to prevent said headaches, with the proviso that a serotonin precursor is not administered and that said subject does not have Parkinson's disease.
19. (Original) A method of claim 18, consisting essentially of administering said norepinephrine precursor.
20. (Original) A method according to claim 18, wherein said norepinephrine precursor is threo-3-(3,4-dihydroxyphenyl)serine.
21. (Original) A method according to claim 18, wherein said norepinephrine precursor is the L-form of threo-3-(3,4-dihydroxyphenyl) serine.
22. (Original) A method according to claim 18, wherein said norepinephrine precursor is a substrate of the enzyme dopa decarboxylase that can be converted to norepinephrine.
23. (Original) A method according to claim 18, wherein the norepinephrine precursor is a substrate of the enzyme dopamine beta-hydroxylase that can be converted to norepinephrine.
24. (Currently Amended) A method of claim 18, wherein said headaches are ~~tension-type~~ migraine headaches.
25. (Cancelled)
26. (Original) A method of claim 18, wherein said preventing is reducing the frequency of said headaches.

27. (Currently Amended) A method of ~~preventing headaches in a subject in need thereof,~~
~~comprising,~~

~~administering to said subject an amount of threo-3-(3,4-dihydroxyphenyl)serine, a~~
~~derivative thereof, or a pharmaceutically acceptable salt thereof, which claim 1, wherein said~~
amount is effective to increase the threshold for triggering said headaches, thereby preventing
said headaches.

28. (Original) A method of claim 27, wherein said threo-3-(3,4-dihydroxyphenyl) serine
is the L-form.

29. (Original) A method of claim 27, wherein said headaches are migraine headaches.

30. (Cancelled)

31. (Cancelled)

32. (Original) A method of claim 26, wherein said preventing is reducing the frequency
of said headaches.

33. (Original) A method of claim 1, wherein threo-3-(3,4-dihydroxyphenyl) serine, or a
pharmaceutically acceptable addition salt thereof, is administered with a decarboxylase inhibitor.